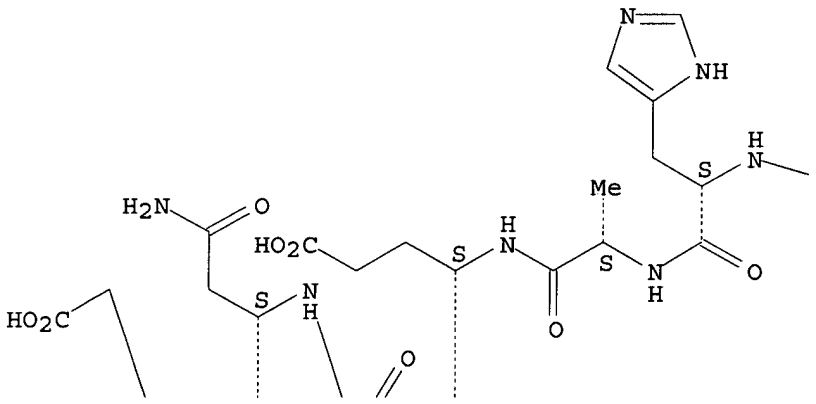
L Number	Hits	Search Text	DB	Time stamp
1	1073	536/53	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/17 10:15
2	439	536/53 and $galactos$	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/17 10:17
3	427	(536/53 and $galactos$) and galactos$	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/17 10:18
4	11	((536/53 and $galactos$) and galactos$) and C-glycoside	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/17 10:19
5	11	(536/53 and $galactos$) and C-glycoside	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/17 10:27
6	3268	514/8	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/17 10:27
7	809	514/8 and galactos$	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/17 10:28
8	3	(514/8 and galactos$) and c-glycoside	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/17 10:28

d scan

L16 1 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
IN Glycine, N2,N6-bis[[[[5-(acetylamino)-2,6-anhydro-5,7,8,9-tetradeoxy-D-glycero-L-galacto-nonitol-8-ylidene]amino]oxy]acetyl]-L-lysyl-L-alanyl-L-valyl-L-histidyl-L-alanyl-L-alanyl-L-histidyl-L-alanyl-L-.alpha.-glutamyl-L-isoleucyl-L-asparaginyl-L-.alpha.-glutamyl-L-alanyl- (9CI)
SQL 14
MF C86 H136 N24 O34

RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.
Double bond geometry unknown.



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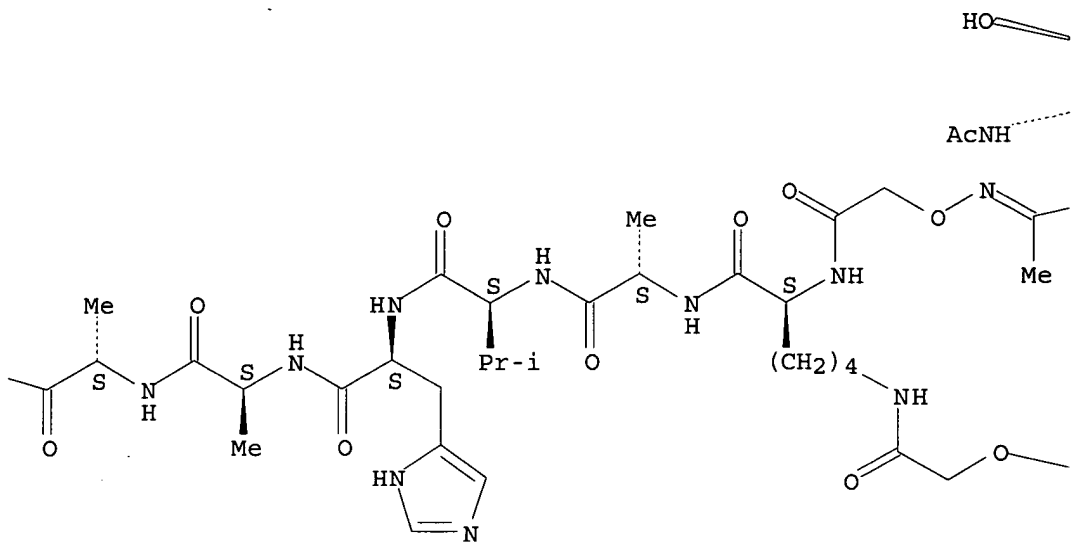

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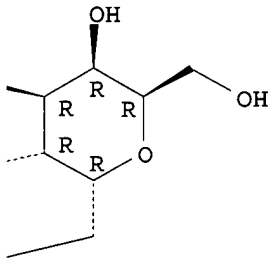
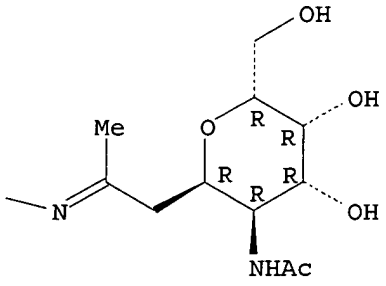
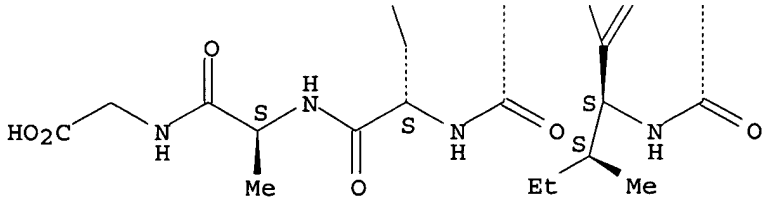




PAGE 2-A



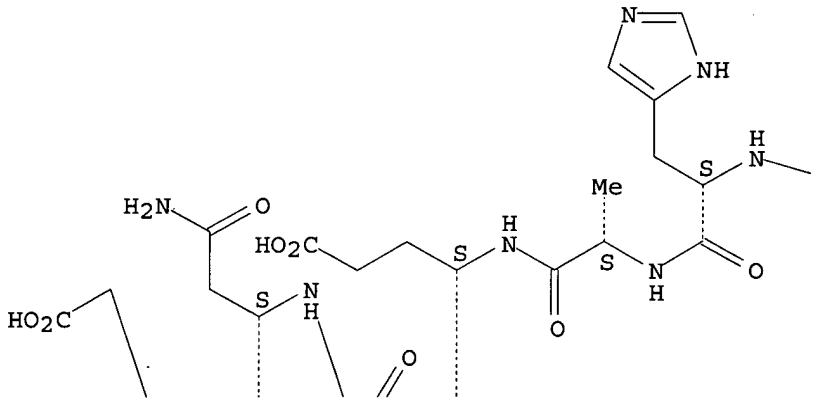
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

L16 1 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
IN Glycine, N2,N6-bis[[[[5-(acetylamino)-2,6-anhydro-5,7,8,9-tetradeoxy-D-glycero-L-galacto-nonitol-8-ylidene]amino]oxy]acetyl]-L-lysyl-L-alanyl-L-valyl-L-histidyl-L-alanyl-L-alanyl-L-histidyl-L-alanyl-L-.alpha.-glutamyl-L-isoleucyl-L-asparaginyl-L-.alpha.-glutamyl-L-alanyl- (9CI)
SQL 14
MF C86 H136 N24 O34

RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.
Double bond geometry unknown.



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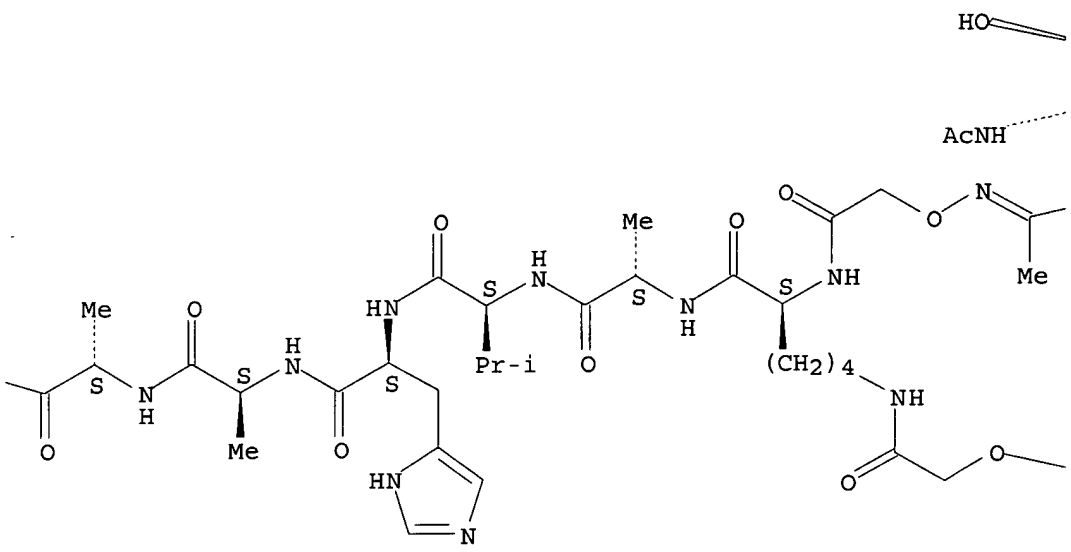

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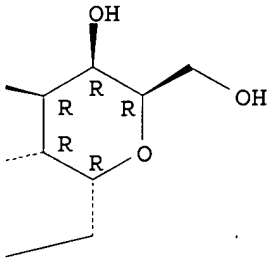
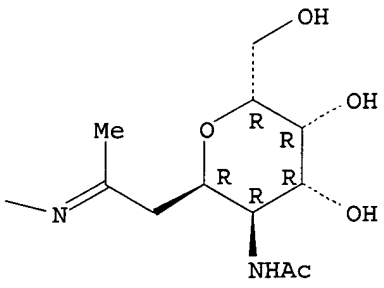
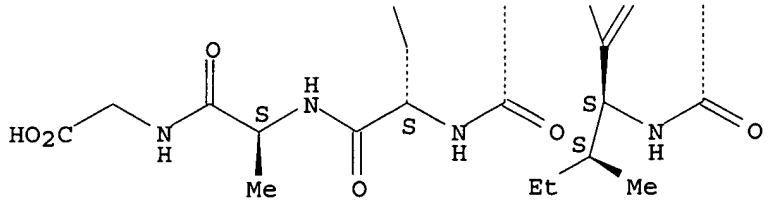




PAGE 2-A



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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L36 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 1999:792651 CAPLUS
DOCUMENT NUMBER: 132:208073
TITLE: Synthesis of Novel Donor Mimetics of UDP-Gal, UDP-GlcNAc, and UDP-GalNAc as Potential Transferase Inhibitors
AUTHOR(S): Schaefer, Andreas; Thiem, Joachim
CORPORATE SOURCE: Institut fuer Organische Chemie, Universitaet Hamburg, Hamburg, D-20146, Germany
SOURCE: Journal of Organic Chemistry (2000), 65(1), 24-29
CODEN: JOCEAH; ISSN: 0022-3263
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English

AB For the enzymic transfer of **galactose**, **N-acetylglucosamine**, and **N-acetylgalactosamine**, UDP-Gal, UDP-GlcNAc, and UDP-GalNAc are employed, and UDP serves as a feedback inhibitor. In this paper the synthesis of the novel UDP-sugar analogs as potential transferase inhibitors is described. UDP-sugar analogs feature **C-glycosidic** hydroxymethylene linkages between the sugar and nucleoside moieties in contrast to the anomeric oxygens in the natural derivs.